Sub 12	of Wa	md.	
FILE NOTATIONS			
Entered in NID File	Checked by Chief	***********************	
Entered On S R Sheet	Copy NID to Field Office		
Location Map Pinned	Approval Letter	******	
Card Indexed	Disapproval Letter	********************	
I W R for State or Fee Land COMPLETION DATA:			
Date Well Completed 12-3-56	Location Inspected		
OW WW TA	Bond released State of Fee Land	ашання правина	
LOGS FI	LED		
Drifler's Log			
**************************************	GR GR-N		~
Lat Mi-L Senie	Others Radwa	ichwety dief	11-15-56
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(Feb. 1001)						
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			3			

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	Utah
Lesse No	0/286
	D. Reserve

OFFICIAL FORWARDS TO CAPER

SUNDRY NOTICES AND REPORTS ON

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
	the state of the s

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		÷	August 21.	, 19 53
Well No is locate	d 240 ft. l	from S line	and ft. from W line o	of sec. 23
(k) Sec. and Sec. No.)		(Range)	Salt Labo Nase (Meridian)	
(Field)	1	ounty or Subdivision)	Utch (State or Territory	
	_			

The elevation of the derrick floor above sea level is The ft. Course

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed sasings; indicate mudding jobs, comenting points, and all other important proposed work)

To drill this Well with Rotary Tools to the Dakota Sand or a depth of 78001. Set appreximately 300' of 13 3/8" CD, 312" Well, bit. 16, Armoo Slip Joints Caming Comment from store to Surface. Set appreximately 6050' of \$" Desing to the top of Perron Sand.

> 7º 00, 8rd, thd., 23.00f, Grade J-55 Cond. L. W/LDLC 10001 - 7" CD, Brd. thd., 26.00f, Grade 3-55 Cond. A. W/LT&C

To be Comented W/ 250 Sentes Regular Coment.

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

I Whenterna court cure brances			
Company States States Hatural Cas Company R. C. Box 160 Address Section Bhah			
Address Seeciald, Bah	By Har	11 37	,
	By _ Var	va , va	
	Title Distric	t Superinte	ndent
U. S. GOVERNMENT PRINTING OFFICE	10		İ

Budget Busses 45-R\$46.5. Approval expires 10-51-66.
Land Office Utah
Lesse No. 01286
Mary D. Kearns
A COLIVE
WELL 31953
C. C. C. C.
HOS DWATER CONT. TO SECOND
G CASING.
LING OR REPAIR
f lamning Surface Casing
I mining Surface of Sing
DATA)
oer 11, , , 19.53
om W line of sec. 23
se
Utah (State or Territory)
sings; indicate mudding jobs, coment-
lip Joint Casing. ., API Smls., Short T&C.
cks of Meg Cement and

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS SUBSEQUENT REPORT OF WATER S NOTICE OF INTENTION TO DRILL..... SUBSEQUENT REPORT OF SHOOTIN NOTICE OF INTENTION TO CHANGE PLANS SUBSEQUENT REPORT OF ALTERIN NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... SUBSEQUENT REPORT OF RE-DRILL NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... SUBSEQUENT REPORT OF ABANDO NOTICE OF INTENTION TO SHOOT OR ACIDIZE SUPPLEMENTARY WELL HISTORY NOTICE OF INTENTION TO PULL OR ALTER CASING..... Subsequent report o NOTICE OF INTENTION TO ABANDON WELL (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER Septemb Well No. 3 is located 240 ft. from | S | line and 1421 ft. fro (County or Subdivision) The elevation of the derrick floor above sea level is 9834 ft. Ground DETAILS OF WORK TD: 6001 Ran 239.95' 13 3/8" OD, 312" Wall, 14.1 #, Armco S. 26.36' 13 3/8" OD, 350" Wall, H-40, 8 rd. Thd 266.31 Total Footage Ran. Casing Landed at 280.501, Cemented with 317 sa 50 sacks of Bridget. Cement circulated.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company Three States Natural Gas Company P. O. Box 160 Address Scofield, Utah By Harold Hawkins Title District Superintendent

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELL

Notice of Intention to Change Plans	Subsequent Report of Altering Casing. Subsequent Report of Re-Drilling or Repair Subsequent Report of Abandonment
Notice of Intention to Abandon Well.	Schooland Report of Busines Sealing E

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

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Well No	is located	ii ft. f	$\operatorname{rom}\left\{ egin{array}{c} \mathbf{S} \end{array} \right\}$ line	and $\frac{1.21}{W}$ ft. from $\frac{1}{W}$ line	ne of sec.
	. 23	6.6		dt Lein Ban	
(1/4 SEC. AND SEC.	NO.)	(TWP.)	(RANGE)	(MERIDIAN)	
Flat Courts			Desty	Web	<u> </u>
(FIELD)		(COUN	TY OR SUBDIVISION	ARO KO (BTAYE OR TER	RHORT)
The elevation of t	he derrick floor	above se	a level is .	ft.Ground	

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7º 40 8-84 That 23-00/ Greeds J-55 and Casing set at 66341

7" 09 8-84 The 23-00# Grade 3-55 Range 2

into 7" (D 6-Md Thd 23-60f Grade H-80 Range 3

f with 300 Saples Comowh.

al in writing by the Geological Survey before operations

I understand that this plan of work must receive applying may be	
These Shakes Noteral. Cas Co.	pery
Company These Shakes Satural Cas Company Re See 730 Address Patent Utah	······
	By Harold Hawkins
Approved 2-75-55	By Harold Hautine
04/1	Title District Superintendent
District Engineer	1146

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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

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APR 1 9 1954

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut M. LANG. GILY.
Notice of Intention to Change Plans		Subsequent Report of Shooting or Acidizing.
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing.
Notice of Intention to Re-Drill or Repair well		Subsequent Report of Re-Drilling or Repair.
Notice of Intention to Acidize	. X.	Subsequent Report of Abandonment
Notice of Intention to Pull or Alter Casing		Supplementary Well History
Notice of Intention to Abandon Well	<u>.</u>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

			***************************************	April 9		, 19. <u>54</u>
Well No	3 is located	1 240 ft.	$from \left\{ \begin{array}{c} \mathbf{R} \\ \mathbf{S} \end{array} \right\} line$	and 1421 f	t. $from {W \choose W}$	line of sec. 23
SW	Sec. 23	16- 5	6 - E	Salt Lake	Base	
(1/4 8	EC. AND SEC. NO.)	(TWP.)	(RANGE)	(MERIDIAN)	••••••	
. n	at Canyon		Emery		Utah	
	(FIELD)	(cou	NTY OR SUBDIVISION)	••••	(STATE OR	TERRITORY)

The elevation of the derrick floor above sea level is 9834 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 6666*

7" Casing set @ 6634'. Lane Wells Plug @ 6624'. Top Ferron 6611 Nev. log
Perforate from 6611 - 6620'.

Acidize w/ 2000 gal. M. C. A.

Drill plug and acidize w/ 5000 gal.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	Three States Natural Gas Company	
	P. 0. Box 730	
Address	Price, Utah	
***************************************	oxed Z. L.E.	By Harold Howking
	Approvad A. S. Seaville	Title District Superintendent
	VI.	

FORM 9-201-A (FEB. 1981)	(811)	BMIT IN TRIPLICA	$Toldsymbol{E})$ LAI	OFFICE Utab
	(502	UNITED STATES		01286
	DEPA	RTMENT OF INTI	ERIOR UN	The Canyon
23		OLOGICAL SURV		RECEIVED
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	ORIGINAL FO	BANKARATA 10 00		JUL 2 9 19 54
SU	NDRY NOTICES /	AND REPORTS (M METES	(2
Notice of Intention to Drill		Subsequent Rep	ort of Water	Mul-diff.
Notice of Intention to Char	ge Plans			g or Acidizing
Notice of Intention to Test				g Casingling or Repair
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Notice of Intention to Pull			Well History.	
Notice of Intention to Aban	don Well	Subsequent 1	report of	Acidizing XX
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(INDICA				19 54
Well No3 is loca	ted 240 ft. fro	$\mathbf{m} \left\{ \begin{array}{c} \mathbf{X} \\ \mathbf{S} \end{array} \right\}$ line and \mathbf{M}	21 . ft. from	$\begin{cases} \mathbf{X} \\ \mathbf{W} \end{cases}$ line of sec. 23
SW Sec. 23	16-s 6-	-E Salt		
(1/4 SEC. AND SEC. NO.)	(TWP.)	(RANGE) (MEI	KIDIAN)	Utah
Flat Canyon	(COUNTY C	OR SUBDIVISION)	(STA	TE OR TERRITORY)
			round	
The elevation of the derri	ck floor above sea le	evel is 3034 ft.	LOUIN	
	DETA	ILS OF WORK		
(State names of and expecte indicate mudd:	d depths to objective s ng jobs, cementing poi	ands; show sizes, we nts, and all other im	eights, and le portant propo	ngths of proposed casings, sed work)
TD: 66661	Acidised W/5000	gals of M.C.A.	. went in	under vacumn,
	swabbing well t	O DOTTOM, IS OF	niera ber	
	Swabbing well.			
I understand that this plan	of work must receive may b	approval in writing be commenced.	y the Geologic	eal Survey before operations
Company Three State	es Natural Gas (Company	••••	
Address P.O. Box		4-11		OINAL SIGNAL I
	~ 0 (1-30)	Rv Rv		OLD HAWKINS
11100, 04	\$ 10/ W	District		
·	rosed the sone	Title	Distric	t Superintendent
SUH-ADVOCATE, PRICE, UTAH 7-84	A STATE OF S			
<u>*</u>	and Die			

701 (71	10. 10	981-A 181)	

(SUBMIT IN TRIPLICATE) UNITED STATES

DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

LAND	orrice Utah
LNĄSE	No. 01286
	N. S.

SUNDRY NOTICES AND REPORTS ON W

Notice of Intention to Drill.	Subsequent Report of Water Shut-off.
Notice of Intention to Change Plans	Subsequent Report of Shooting of Acidizing
Notice of Intention to Test Water Shut-off	Subsequent Report of Altering Casing
Notice of Intention to Re-Drill or Repair Well	Subsequent Report of Re-Drilling or Repair
Notice of Intention to Shoot or Acidize	Subsequent Report of Abandonment
Notice of Intention to Pull or Alter Casing	Supplementary Well History
Notice of Intention to Abandon Well	
	Weekly Report ending 10-31-54 XX

				Nov	rember 1,	. 1954
Well No3 is located.		$\mathbf{from} \left\{ \begin{array}{l} \mathbf{XX} \\ \mathbf{S} \end{array} \right\} \mathbf{lin}$	ne and	1421	ft. from Wiline	e of sec. 23
SWSec_ 23	16S	6 <u>"</u>	Salt	Lake	Base	
(1/4 SEC. AND SEC. NO.)	(TWP.)	(RANGE)		(MERIDIAI	N)	
Flat Canyon (FIELD)	(coui	TOETY TY OR SUBDIVISI	 ON)		Utah (STATE OF TERR	HITORY

The elevation of the derrick floor above sea level is 9834 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings, indicate mudding jobs, cementing points, and all other important proposed work)

TD: 70391

10-25-54 TD: 7039' Drilling Cement at 65951

10-27-54 Cleaned out to 6597', waiting on Drilling Line. 10-28-54 Drilling Cement at 6605'.

10-29-54 Cleaned out to 6618', Preparing to wwedge 7" Casing out at bad place.
10-31-54 Swedging 6 1/4" Swedge, tried 52"CD Sand Pump but, it will not go. Expect to get smaller Sand Pump.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Cas Company P. O. Box 730

Address Price Utah

Title District Superintendent

(PES. 1981)

(BUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

LEASE NO. OLSOS

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LEASE NO. OLSOS

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	DRY NOTICES AND REPORTS ON WELLS	
Notice of Intention to Drill		off
Notice of Intention to Change		Acidizing
Notice of Intention to Test W	, ii	
Notice of Intention to Re-Drill		
Notice of Intention to Shoot of		
Notice of Intention to Pull or		
Notice of Intention to Abandon	well report and g kv	. 7, 1954 XXX
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ell No is located	250 ft. from $\begin{Bmatrix} \mathbf{X} \\ \mathbf{S} \end{Bmatrix}$ line and 21 ft. from $\begin{Bmatrix} \mathbf{X} \\ \mathbf{W} \end{Bmatrix}$	line of sec 23
(1/4 sec. AND sec. No.)	169 6 201t was 2000	
	(TWP。) (RANGE) (MERIDIAN)	1.
Flat Garyon	(COUNTY OR SUBDIVISION) (STATE OR	TERRITORY.
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UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

LAND OFFICE.	<u>Libeb</u>
LEASE NO	08206
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Notice of Intention to Drill		1	ort of Water Shut-off ort of Shooting or Acid	<u> </u>	
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lotice of Intention to Re-Drill of			ort of Re-Drilling or R	1	
lotice of Intention to Shoot or	"		ort of Abandonment	- 1	
otice of Intention to Pull or Al			Well History		
otice of Intention to Abandon V	Well				
			t entire three U	ו גוכעג פו	<u> </u>
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ll No is located	210 ft. from	line and	23 ft. from \land	e of sec	IJ
8 8ec. 23	16 9	.S) 5≃			
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e elevation of the derrick flo ate names of and expected dep indicate mudding jo	DETAILS	S OF WORK	ghts, and lengths of	pro pose d ca.	sin
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ate names of and expected den	DETAILS	S OF WORK	ghts, and lengths of	proposed ca.	sin
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PORM 9-231-A (FEB. 1051)

SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

LEASE NO. 00906

	SUNDRY NOTICES AND REPORTS ON WELLS
Notice of Intention to Notice of Intention to Notice of Intention to Notice of Intention to Notice of Intention to	Subsequent Report of Water Shut-off. Subsequent Report of Shooting or Acidizing Subsequent Report of Altering Casing. Subsequent Report of Re-Drilling or Repair. Subsequent Report of Abandonment. Subsequent Report of Abandonment. Supplementary Well History
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA
Vell No	is located ft. from $\left\{\begin{array}{c} \mathbf{S} \\ \mathbf{S} \end{array}\right\}$ line and $\left\{\begin{array}{c} \mathbf{S} \\ \mathbf{W} \end{array}\right\}$ line of sec
SW Sen. 23	268 68 Sel t Leise Dans
(1/4 SEC. AND SEC. N	(O.) (TWP.) (RANGE) (MERIDIAN)
Flesh Charges	(COUNTY OR SUBDIVISION) (STATE OR TERRITORY)
	DETAILS OF WORK
State names of and ex indicate r	expected depths to objective sands; show sizes, weights, and lengths of proposed or mudding jobs, cementing points, and all other important proposed work)
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State names of and ex indicate r	expected depths to objective sands; show sizes, weights, and lengths of proposed or mudding jobs, cementing points, and all other important proposed work)
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indicate r	NOV3 9 1954 plan of work must receive approval in writing by the Geological Survey before open
understand that this	plan of work must receive approval in writing by the Geological Survey before oper may be commenced.
understand that this	plan of work must receive approval in writing by the Geological Survey before oper may be commenced.



UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

Notice of Intention to Drill		11	Vater Shut-off	
Notice of Intention to Change	Plans	Subsequent Report of S		
Notice of Intention to Test Wa	ater Shut-off	Subsequent Report of		
Notice of Intention to Re-Drill	or Repair Well	Subsequent Report of I		1
Notice of Intention to Shoot or		Subsequent Report of		'
Notice of Intention to Pull or A	1	. Supplementary Well H	istory	
Notice of Intention to Abandon	weii	Weekly Report end	ing November 28,	XX
UNDICATE AL	BOVE BY CHECK MARK NATI	URE OF REPORT, NOTICE, OF G	THER DATA	
			November 30,	19
Tell No 3. is located	210 ft from	NO line and 1421 ft.	from line of sec	23
en No	440 11. 110111.	S me and re-	W	•
SW Sec. 23	16S 6E	Salt Lake B	a.s.e	
	_	(Max.)	Utah	
Flat Canyon	COUNTY OR SU		(BTATE OR TERRITORY)	
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ne cicywoli of the derion a		OF WORK		
tate names of and expected de indicate mudding j	DETAILS	OF WORK	nd lengths of proposed	cas
tate names of and expected de indicate mudding j	DETAILS pths to objective sands obs, cementing points, at 67201, Cemen	OF WORK	nd lengths of proposed	ens)
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tate names of and expected de indicate mudding j 7039! 1-21-51; Cleaning out 1-22-51; Cleaning out 1-23-51; Cleaning out 1-25-51; Cleaning out	pths to objective sands obs. cementing points. at 6720', Cemen at 6722'. at 6815', Fluid at 6795'.	of work s; show sizes, weights, a and all other important t still not set.	nd lengths of proposed	eas
7039: 1-21-54 Cleaning out 1-23-54 Cleaning out 1-25-54 Cleaning out 1-25-54 Cleaning out 1-25-54 Cleaning out	pths to objective sands obs. cementing points. at 6720¹, Cemen at 6722¹. at 6815¹, Fluid at 6795¹. at 6797¹.	of work s; show sizes, weights, a and all other important t still not set.	nd lengths of proposed	cas
7039: 11-21-51: Cleaning out 11-23-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-26-51: Cleaning out 11-26-51: Cleaning out	pths to objective sands obs, cementing points, at 67201, Cemen at 67221. at 68151, Fluid at 67951. at 68351.	of work s; show sizes, weights, a and all other important t still not set.	nd lengths of proposed	ens!
State names of and expected de indicate mudding j 7039! 11-21-51: Cleaning out 11-22-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-26-51: Cleaning out	pths to objective sands obs, cementing points, at 67201, Cemen at 67221. at 68151, Fluid at 67951. at 68351.	of work s; show sizes, weights, a and all other important t still not set.	nd lengths of proposed	cus
7039: 11-21-51: Cleaning out 11-23-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-26-51: Cleaning out 11-26-51: Cleaning out	pths to objective sands obs, cementing points, at 67201, Cemen at 67221. at 68151, Fluid at 67951. at 68351.	of work s; show sizes, weights, a and all other important t still not set.	nd lengths of proposed	cus
7039: 11-21-54 Cleaning out 11-23-54 Cleaning out 11-25-54 Cleaning out 11-25-54 Cleaning out 11-26-54 Cleaning out 11-26-54 Cleaning out 11-28-54 Cleaning out 11-28-54 Cleaning out	pths to objective sands obs. cementing points. at 6720¹, Cemen at 6722¹. at 6815¹, Fluid at 6795¹. at 6835¹. at 6840¹.	of work s; show sizes, weights, a and all other important t still not set. Level at 40001.	nd lengths of proposed proposed work)	
7039: 11-21-51: Cleaning out 11-23-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-25-51: Cleaning out 11-26-51: Cleaning out 11-26-51: Cleaning out	pths to objective sands obs. cementing points. at 6720¹, Cemen at 6722¹. at 6815¹, Fluid at 6795¹. at 6835¹. at 6840¹.	of work s; show sizes, weights, a and all other important t still not set. Level at 40001.	nd lengths of proposed proposed work)	
7039: 11-21-54 Cleaning out 11-23-54 Cleaning out 11-25-54 Cleaning out 11-25-54 Cleaning out 11-26-54 Cleaning out 11-26-54 Cleaning out 11-28-54 Cleaning out 11-28-54 Cleaning out	pths to objective sands obs. cementing points. at 6720¹, Cemen at 6722¹. at 6815¹, Fluid at 6795¹. at 6835¹. at 6840¹.	of work s; show sizes, weights, a and all other important t still not set. Level at 40001.	nd lengths of proposed proposed work)	

Company Three States Natural Gas Company	
Post Office Box 730	
Address Price, Utah	By OS Tibson
	By C. S. Clicson
	Title District Superintendent

521 South Center St.

P. O. Box 279

Casper, Wyoming

WATER ANALYSIS REPORT

Pield Flat Canyon, Utah

93041

Well No. Mary D. Kearns #3

Operator Three States Natural Gas Company

Location SE SW SW 23-165-6E

Sampled by

Date

Formation

Depths

How sampled

U. 01286

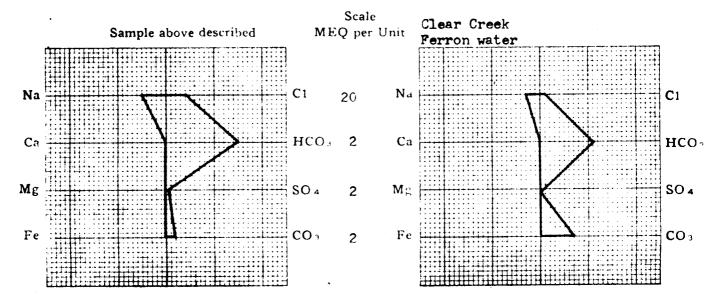
Other pertinent data Cloudy with gray sediment.

Analyzed by		- GW		Date	November 21, 1954 L	ab. No. 8908
CONSTITUENTS	<u> </u>	M	MEQ.	MEQ.ºº	TOTAL SOLIDS IN PAR	TS PER MILLION
Sodium	2,5	317	109.47	49.61	By evaporation	6,842
Calcium		14	0.70	0.32	After ignition	6,322
Magnesium -		2	0.16	0.07	Calculated	6,270
Sulfate		44	0.92	0.42	PROPERTIES OF REACT	HON IN PERCENT
Chloride	2,6	660	75.01	33.99	Primary salinity	68.82
Carbonate -	. 1	.44	4.80	2.18	Secondary salimity	0.00
Bicarbonate -	1,8	05	29.60	13.41	Primary alkalinity	30.40
Hydroxide	<u>-</u>				Secondary alkalinity	0.78
					Chloride salinity	98.78
Observed pH 9		esistivity (ms_meter		1.10	Sulfate salinity	1.22

Remarks Correlates with Ferron water from Clear Creek.

Note: PPM Milligrams per liter (1 PPM is equivalent to 0.0001% by weight). MEQ Milliequivalents per liter. MEQ% Milliequivalents per liter in percent.

WATER ANALYSIS PATTERN



(768. 1981)		(SUBM	IT IN TRIPLICAT	• •• /	OFFICE Utah
		U	NITED STATES		No. 01286
		DEPART	MENT OF INTE	RIOR UNIT	Mary D. Kearns
		GEOI	LOGICAL SURV	EY /	7.1VC2/
				0.00	22.2.1064
<u> </u>					22 1954
	SUND	RY NOTICES AN	D REPORTS O	M MFrf7	
Notice of Ir	ntention to Drill		Subsequent Repo	ort of Water Shu	it-off
Notice of Ir	ntention to Change I	Plans		ort of Shooting c	r Acidizing
		ter Shut-off	Subsequent Rep	ort of Re-Drillin	g or Repair
Notice of Ir	ntention to Re-Drill (or Repair Well	Subsequent Rep		
Notice of Ir	ntention to Shoot of	lter Casing	Supplementary '	Well History	
Notice of Ir	ntention to Abandon	Well	Weely report	ending Dec	amber 5. XX
		BOVE BY CHECK MARK NAT			
	(INDICATE A	OVE BY CHECK MARK NAT	T	ecember 10,	, 19 54
Well No	is located	240 ft. from	$\frac{\mathbf{O}\mathbf{S}\mathbf{O}\mathbf{C}}{\mathbf{S}}$ line and 1	42 ‡t. from ${2 \over V}$	$\begin{cases} \mathbf{X} \\ \mathbf{V} \end{cases}$ line of sec 23.
	9 22	165	6E Salt I	Lake Ba se	
(1/4 SEC.	AND SEC. NO.)	(TWP.) (R.	ANGE) (MER	IIDIAN)	
Flat	Can yon	Eme	ry		Utah
• • • • • • • • • • • • • • • • • • • •	FIELD)	(COUNTY OR S	(NOISIVISION)	(STATE	OR TERRITORY)
The elevation	on of the derrick f	loor above sea leve	l is 9834 ft. G	round	
			s of work		
(State names	indicate mudding .	jobs, cementing points	, and the second	rights, and lengt portant proposed	hs of proposed casings, I work)
11-29	بــــــــــــــــــــــــــــــــــــ	, Cleaning out	at 68401.		
12-1-				Jam book h	ole cavinca
12-2-	-54 Cleaning	out at 6872', F	reparing to P	Tug pack, in	510 00 mil
12-3-		cement at 6800 out cement at 6	'. 5810!.		
12-5-	-54 Cleaning	out cement as	702		
					•
I understand	I that this plan of v	vork must receive ap may be c	proval in writing b	y the Geological	Survey before operation
Commen	Three States	Natural Gas Com			<u></u>
	P. O. Box 730			_	^ _
Address	Price, Utah			10) 1	1.16 a
			By	Sidil	VIESEW.
			Title	District	Superintendent

- Contract

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SHE-ABVOCATE, PRICE, STAR 7-84

SI BMIT TO THE COME. UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

TAND OFFICE Utah LEASE NO. 01286

DEC 2 2 1954

			- /
	SUNDRY NOTICES A	IND REPORTS ON WELLS	
Notice of Intention	to Drill	Subsequent Report of Water Shut-off	XX
	(INDICATE ABOVE BY CHECK MARK)	NATURE OF REPORT, NOTICE, OR OTHER DATA	, 19.54
SW Sec	is located 240 ft. from	$m{\begin{Bmatrix} XX \\ S \end{Bmatrix}}$ line and 1421 ft. from ${\begin{Bmatrix} XXX \\ W \end{Bmatrix}}$ line of se	. 23
(1/4 SEC. AND SEC	on F	mery Utah (STATE OR TERRITORY)	
he elevation of t	the derrick floor above sea le	evel is 9834 ft. Ground	
HE EICAMMON OF	DETA	ILS OF WORK	
TD: 7039!	Cleaning out at 6915'	sands; show sizes, weights, and lengths of proposints, and all other important proposed work) 9501, hole caving. 9701, swabbed water out till hole sta	
12-18-54 12-19-54 12- 29 -54	Drilling bridge at oy small amount of gas. Drilling on bridge at Drilling on bridge at Drilling on cavings a Drilling at 70201.	t 69671. t 69951. at 70051.	
12-14-54 12-15-54 12-16-54 12-18-54 12-19-54 12-29-54	Drilling bridge at oy small amount of gas. Drilling on bridge at Drilling on bridge at Drilling on cavings at Drilling at 7020. this plan of work must receive may	t 69671. t 69951. at 70051. e approval in writing by the Geological Survey before commenced.	
12-14-54 12-15-54 12-16-54 12-18-54 12-19-54 12-29-54 I understand that	Drilling bridge at oy small amount of gas. Drilling on bridge at Drilling on bridge at Drilling on cavings a Drilling at 7020. this plan of work must receive may receive may	t 69671. t 69951. at 70051. e approval in writing by the Geological Survey before commenced. Company	ore operation
12-14-54 12-15-54 12-16-54 12-18-54 12-19-54 12-29-54 12-29-54 12-29-54 12-29-54 Address	Drilling bridge at or small amount of gas. Drilling on bridge at Drilling on bridge at Drilling on cavings at Drilling at 7020. this plan of work must receive may receive may	t 69671. t 69951. at 70051. e approval in writing by the Geological Survey before commenced. Company	ore operation

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Utah LAND OFFICE .EABL N. 01286

UNITED STATES

DEPARTMENT OF INTERIOR UNIT Mary D. Kearns

		GEOLOGICAL SURVEY
		JAN 1 - 1955
	SUNDRY NO	TICES AND REPORTS ON WELL'S
Notice of Intention to Notice of Intention to	o Change Plans o Test Water Shut-co o Re-Drill or Repair ' o Shoot or Acidize o Pull or Alter Casin	Subsequent Report of Shooting or Acidizing Subsequent Report of Altering Casing Well. Subsequent Report of Re-Drilling or Repair Subsequent Report of Abandonment Supplementary Well History.
	INDICATE ABOVE BY CUE	Weekly report ending Dec. 26, 1954 XX
·	INDICATE ABOVE BY CHE	January 1, 19 55
ell No	s located 240	ft. from Soline and 1/121 ft. from W line of sec. 23
SW Sec.	23 16S	6E Salt Lake Base
(FIELD)	((COUNTY OR SUBDIVISION) (STATE OF TERRITORY)
ne elevation of the	derrick floor above	ve sea level is 9834 ft. Ground
		DETAILS OF WORK
		jective sands; show sizes, weights, and lengths of proposes casings.
70391	nadding Jobs, cemen	rang points, and an other important proposed work)
12-21-54 1 12-22-54 0 12-23-54 1 12-23-54 1	Cleaned out to it 6970'. five Shale vavings a Top of fish at Cleaning out Sh	Caving, Cleaning out at 7000. 7015, Line broke off fishing for tools. Top of fisher foot of shale cavings on top of fish, cleaning out at 6965. 6970, hole waving, 30, of Shale cavings on top of fishele cavings at 6964. hale cavings at 6907, hole caving.
12-20-04	Teguting one pu	man out man and the man out mills
understand that this	plan of work must r	receive approval in writing by the Geological Survey before operations may be commenced.
•		may by committeed.
mpany Three S	tates Natural (•
	ox 730	Gas Company

Company Three States Natural Gas Company	
P. O. Box 730	
Address Price, Utah	6 C C C
	By C. S. Clibson
	Title District Superintendent

BUN-ADVOCATE, PRICE, STAN 7-54

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UNITED STATES

DEPARTMENT OF INTERIOR

Ittah LAND OFFICE 01286

UNIT MOTE D. Kearns

otice of Intention to Drill otice of Intention to Change P	Subsequent R	eport of Water Shut-off eport of Shooting or Acidizing
otice of Intention to Test Wat otice of Intention to Re-Drill o otice of Intention to Shoot or otice of Intention to Pull or Al otice of Intention to Abandon V	ter Shut-off	eport of Altering Casing eport of Re-Drilling or Repair eport of Abandonment y Well History eort ending January 2, 1955
	WOCKLY TOL	OTICE, OR OTHER DATA
(INDICATE AS	OVE BY CHECK MARK NATURE OF REFORM IN	January 3, 19.
Sec. 23	16S 6E Sal	Li21 ft. from W line of sec. 23 Lt Laile Base WERIDIAN Utah
Flat Canyon	(COUNTY OR SUBDIVISION)	(STATE OR TERRITORY)
e elevation of the derrick f	loor above sea level is 9834 ft.	(#ound
	DETAILS OF WORK	
ate names of and expected de indicate mudding j	pths to objective sands; show sizes, obs, cementing points, and all other	weights, and lengths of proposed casi important proposed work)
ate names of and expected denindicate mudding jo	pths to objective sands; show sizes, obs, cementing points, and all other	weights, and lengths of proposed casi important proposed work)
7039 ¹ 12-27-5ly Cleaning	out cavings at 6950.	uing.
7039 ¹ 12-27-54 Cleaning 12-29-54 Cleaning 12-31-54 Fishing W	out cavings at 69501.	ing. spear.

Company	.Three States Natural Gas Compan	
	P. 0. Box 730	_
Address	Price, Utah	By OS Silson
		·
		Title District uperintendent
		11010

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EB. 10		
 	 	
 	 	

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UNITED STATES	FEASE NO. 01380
PARTMENT OF INTERIOR	Mary D. Kea
GEOLOGICAL SURVEY	·

		/ JAN J	2 () 1955
SUNDRY	NOTICES AND REPO	RTS ON WELLS	
Notice of Intention to Drill	ns	ent Report of Water Skut-of, ent Report of Shooting or Ac ent Report of Altering Casir ent Report of Re-Drilling or ent Report of Abandonment tentary Well History report ending Janua	eidizing ng Repair
(INDICATE ABOVE	E BY CHECK MARK NATURE OF REPO	RT. NOTICE, OR OTHER DATA: January 18,	לל
Well No 3 is located	16S 6E	and 1421 ft. from ${\mathbf{W} \choose \mathbf{W}}$ line. Salt Lake Base	·
(1/4 SEC. AND SEC. NO.)	(TWP.) (RANGE)	(MERIDIAN)	
Flat Canyon (FIELD)	(COUNTY OR SUBDIVISION)	Utah (STATE OR TE	RRITORY)
The elevation of the derrick floo	r above sea level is 9834	. ft. Ground	
	DETAILS OF WOL		
State names of and expected depths indicate mudding jobs,	s to objective sands; show size, cementing points, and all ot	zes, weights, and lengths of her important proposed wor	f proposed casings, ck)
TD: 7039		69	715
1-4-55 Cleaning out	up hole and lost same at 6900; top of fis at 6750; top of fis at 6780; swab water down, too	sh at 6915. Sh at 6915. Nole Cav	ring.
Company Three States Natu	may be commenced.	iting by the Geological Surve	ey before operations

Company Three States Natural Gas Company	****
P. O. Box 730	
Address Price, Utah	By Colition
	By Clark Labre
	Title District Superintendent

FQ.	RM 0	***		
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UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

LAND OF	FICE Ut	ah
LEASE NO	0128	6

Kearns

JAN 2 0 1955

IDRY MOTICES AND REPORTS ON W

Notice of Intention to Drill'i	Subsequent Report of Water Shut-off.
Notice of Intention to Chame Plans	Subsequent Report of Shooting or Acidizing
Notice of Intention to Teachiater Shut-off	Subsequent Report of Altering Casing
Notice de Intention to Repair Well	Subsequent Report of Re-Drilling or Repair
Notice of Intention to She f or Acidize	Subsequent Report of Abandonment.
Notice of Intention to Pull or Alter Casing	Supplementary Well History
Notice of Intention to Abandon Well	
· · · · · · · · · · · · · · · · · · ·	Weekly report ending January 16, 1955 K

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 18, Well No. 3 is located 240 ft. from ${3k \choose S}$ line and 1421 ft. from ${k \choose W}$ line of sec. 23 6E 165 Salt Lake Base SW Sec. 23 (1/4 SEC. AND SEC. NO.) (RANGE) (MERIDIAN) Emery Utah Flat Canyon (COUNTY OR SUBDIVISION) (STATE OR TERRITORY

The elevation of the derrick floor above sea level is 9834 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings, indicate mudding jobs, cementing points, and all other important proposed work)

TD: 70391

1-10-55 Cleaning out at 6760, top of fish at 6915.

Going in hole with packer, attempted to set Halliburton retrievable packer at 6308, packer failed to hold, coming out of hole with tubing and packer.

Completed cement plug back job at 2:30 AM, cemented with 150 1-13-55 sacks of Ideal cement by Halliburton with 2% Calcuin Chloride. Top of cement at 66431.

W. O. C.

1-15-55 Drilling Cement at 6675.

Swabbed well at 6650, now drilling cement at 6685.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company	
P. O. Box 730	
AddressPrice, Utah	By OSTEBOO
•	By C. S. R. R. L. C. S. C. C.
	Title District Superintendent

(PEB. 1001)

(SUBMIT IN TRIPLICATE) UNITED STATES DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

LAND OFFICE
LEASE NO. 01286
UNIT MORE D. COLUMN
Flat Canyon

ORIGIMAL FORMARDED TO UNDPLA

HB 14 1955

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting or Acidizing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Re-Drill or Repair Well		Subsequent Report of Re-Drilling or Repair	
Notice of Intention to Shoot or Acidize		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History.	
Notice of Intention to Abandon Well			
Intention to shuk-down operations	TI.		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	February 2				
Well No is located	2 16 ft.	$from { \frac{1}{S} } line$	and .1421 f	t. from ${\mathbf{W} \atop \mathbf{W}}$ line of sec	23
5H Sec. 23	166	62	Salt Labo	Base	
(1/4 SEC. AND SEC. NO.)	(TWP.)	(RANGE)	(MERIDIAN)		
Flat Canyon		Enery		Utah	
(FIELD)	(COU	NTY OR SUBDIVISION)		(STATE OR TERRITORY)	

The elevation of the derrick floor above sea level is 9834 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed easings, indicate mudding jobs, cementing points, and all other important proposed work)

D: 7039'

We propose to shut-down drilling operations until the winter weather breaks and drilling can be continued. The Cable Tool Rig will be moved off the well as soon as the weather and snow enables trucks to move same out of the mountains. The legation and roads are drifted with snow.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company

Address

Price States Natural Cas Company

By

Title District Superimendent

(Feb. 1961)						
				• • •		
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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office Salt Labor

No. U 01286

Unit Flat Carryon

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL

NOTICE OF INTENTION TO CHANGE PLANS

NOTICE OF INTENTION TO TEST WATER SHUT-OFF.

NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL

NOTICE OF INTENTION TO SHOOT OR ACIDIZE.

NOTICE OF INTENTION TO PULL OR ALTER CASING

NOTICE OF INTENTION TO PULL OR ALTER CASING

NOTICE OF INTENTION TO ABANDON WELL

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

ノノン		****	Yay 10.	, 19.56
Well No is locat	ed 240 ft. f	rom{S} lin	te and $11:21$. ft. from $\begin{cases} \mathbf{W} \\ \mathbf{W} \end{cases}$ line of	of sec23
SW SE ST Sec. 23.	16-6	6-E	Salt Lake Dase	
			(State or Territory	·

The elevation of the derrick floor above sea level is 9834 ft. Caround

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

We propose to move in Rotary Drilling Tools, mix mud and lost circulation material for circulation, clean out to top of fish, (This well has a string of cable tools in the hole consisting of 4-3/8" Rope bocket, 4-3/8" Spang Jars, 3-1/2" x 26' stem, and 6" bit.), and fish same out. Top of fish 6 6930'. The hole is filled with cavings and cement back up inside of 7"0D casing with the top of cement at 6005'. We propose to drill to the top of the Dakota formation (approximate top 6 7550'), set 5"0D 15# J-55 featremediane Casing to top of Bakota and drill the Dakota formation with Natural Cas or ir. Se expect to test both the Ferron Sand formation and the Dakota formation for Commercial (il and Cas production. (Top of Ferron Sand 6 6611'). As the Cable Tools were used on this well and the results from running Schlumberger Section Gauge apparently the 7"0D casing is parted at 6376'. In completing this well we expect to run a 6" bit through this 7"0D casing and if necessary we will roll and squeeze casing.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	.Th	C98 .	.Stat	es	Matural	Gas	Coupany.
	P_{\bullet}	0.	Box	730)		

Address Price, Utah

Title District Superintenient

16 8437-8

TOOK MEDED TO CASPEA

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

U-01286

Unit . Flat Canyon

SUNDRY NOTICES AND REPORTS ON WELLS

SUBSEQUENT REPORT OF WATER SHUT-OFF NOTICE OF INTENTION TO DRILL..... SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING NOTICE OF INTENTION TO CHANGE PLANS SUBSEQUENT REPORT OF ALTERING CASING. NOTICE OF INTENTION TO TEST WATER SHUT-OFF SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL SUBSEQUENT REPORT OF ABANDONMENT NOTICE OF INTENTION TO SHOOT OR ACIDIZE SUPPLEMENTARY WELL HISTORY... NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL Subsequent Report of running Casing

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT NOTICE, OR OTHER DATA)

	*** : : : : : : : : : : : : : : : : : :	June 15,	, 19.56
Well No3 is located	240 ft. from (S) line a	and 11:21 ft. from $\binom{\square}{W}$ line	of sec. 23
Suffice and Sec. No.)	166 62 (Twp.) (Range)	Salt Lake Juse (Meridian)	
Flat Cenvon Unit	(County or Subdivision)	[tah (State or Territ	ory)

The elevation of the derrick floor above sea level is 9834 ft. Ground

Resumed 5-30-56

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Cleaned out from 6605 to top of fish @ 6930, fished out string of Cable Tools, and Cleaned hale out to 7039'. Drilled to the top of Dekota formation @ 7540', driller's Total Dopth e 7550, Schlusberger log (ES) ren to 7550. Ran 42 joints 1269.23, jincluding float, shoe and casing hanger equipment |, 5000 158 R-2 Spang Extremeline Casing. Cacing hung inside of 7"OD casing at 6278, top of casing hanger @ 6274. Comented with 150 sacks of coment with 3% Calcium Choride, and 35 macks of Bridget, Plugged down @ 4:30 7.1., 6-11-56. Coment job done by Halliburton Oil Well Comenting Company. After 24 hours, tested casing and found leak in 7"00 23# J-55 casing above 5"0D Extremeline Casing Liner. Ran Halliburton Packer and tested 7"CD 23# J-55 casing for leak, found leak @ approximately 1832' to 1842', Ran HORSCO 7"CD casing cutter and cut 7"CD casing at 1842". hile cleaning out hole after pulling all 7"00 234 J-55 casing which was cut to 1842", drill pipe stuck @ 982", spotted Diesel Oil and ran Free-point Indicator and string shot, rotary pars. Sished out at 11:10 A.M., 6-18-56. Made another 22' cut off of 7"00 casing to 1864', cleaned out and ran new 7"CD 23% Just and the Bear Sasing William with HOUCE casing showless required to the Bear Sasing William T./ Air.

Company Three States Natural Cas Company P. O. Box 730 Address Price States	
Address Price, tah	By h Diley
U. DOVERNMENT PRINTING OFFICE	Title District Superintendent

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Approval expires 13-51-6
Salt Lake

U-01286

Unit Flat Conyon Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	-
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	h. Jilx IV
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	
NOTICE OF INTENTION TO ACIDIZE TO 11	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u> </u>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

S∀/1, (% 8ec	, and Sec. No	.)	(Twp.)	(Range)	(Merid		Utah	
24/7				(Dange)				
A	Sec.	23	165	6E	Salt Lake			
Well No	3	_ is located .	240 ft. fr	rom S lin	e and 11,21	ft. from	W line of	sec. 23
					Jul	C. TKE		, 19.56

The elevation of the derrick floor above sea level is 9834 ft. Cround

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

[1] 7625*

We propose to acidize this subject well with Dowell Mud Acid approximately 3000 gallons with a packer set at approximately 7530. Top of Dakota formation at 7540, 500 15# casing liner set at approximately 7548.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company

These States Hatural Gas Company

P. O. Box 730
Address Price, Utah

By ____

Title District Apperintendent

16-8437-6 (C11211111 FORM 150 ED TO 013PE

Approved 302 3 1 1950

SUNDR' NOTICES AND REPORTS ON WELLS NOTICE OF INTENTION TO CHANGE PLANS. NOTICE OF INTENTION TO THE WATER SHUT-OFF NOTICE OF INTENTION TO RE-BRILL OR REPAIR WILL. NOTICE OF INTENTION TO SESSEED ACIDIZE. Well NOTICE OF INTENTION TO PALL OR ALTER CASING. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT.
(BIBICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	***************************************	July 17,	1956
Well No is located .	240. ft. from. (S) line	and 1/121 ft. from W line	of sec. 23
SW/1 Sac 23 (X for and for No.) Flat Canyon Unit	(Lab) (years) TOR QE	Salt Lake Base	
(Field)	County or Subdivision)	Utah (State or Territor)	y)

The elevation of the derrick floor above sea level is .9834.. ft. Ground

DETAILS OF WORK

TD: 76251 ing points, and all other important proposed ensings; indicate mudding jobs, coment-

Completed running Welex Jet Radioactivity Log from 50' to 7587', McCullough perforated open formation from 7540' to 7570' with four (4) jet shots per foot. Set Halliburton 5" H.M. packer @ 7531', used Dowell Mud Acid - 3000 gallons, starting time 9:00 A.M., (7-16-56), treating pressure max. 1000#, treating time 1 hour 32 minutes. Completed at 10:32 A.M.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be semmenced.

Company Three States Natural Cas Company

P. O. Box 730

Address Price, Utah

31 1550

District Enginees

By _______

Title .. District Superintendent

ORIGINAL FORWARDED TO CASPER

708	70b. 1	est)	•	 _		
						D

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Approval	expires 19-81-86.
Land Office	Salt	Lales
Lansa No.	11-012	56
Unit F1	at Car	ry en
(=	. D. 1	Kearms)

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OF
OTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZAGE AND CITY
OTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALTERING CASING
OTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
IOTICE OF INTENTION TO SHOOT	SUBSEQUENT REPORT OF ABANDONMENT
	SUPPLEMENTARY WELL HISTORY
HOTICE OF INTENTION TO ABANDON WELL.	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 3 is located 210 ft. from S line and 1121 ft. from W line of sec. 23 SW/4 23 168 68 Salt Lake Base (k Sec. and Sec. No.) (Typ.) (Range) (Meridian) Flat Congress Unit (County or Subdivision) (State or Territory)		•••••	July 20,	, 19.56
() Sec. and Sec. No.) (Twp.) (Range) (Meridian) Flat Congress Units Emery Utah	Well No is located	1 210 ft. from {S	e and then ft. from W line of	sec. 23
() Sec. and Sec. No.) (Twp.) (Range) (Meridian) Flat Congress Units Emery Utah	9%/k # 23	168 62	Salt Lake Base	
	(34 Sec. and Sec. No.)	(Twp.) (Range)		
(Field) (County or Subdivision) (State or Territory)	Flat Compress Units	Rangy	Utah	
	(Field)	(County or Subdivision	(State or Territory)	

The elevation of the derrick floor above sea level is 9834 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and longths of proposed easings; indicate mudding jobs, comenting points, and all other important proposed work)

101 76251

Top of 5"CB easing Liner @ 6278", Top of 5"CD Casing Hanger @ 6274", Top of Dakota formation at 7540". Open hele approximately 7548" to 7625", which is Dakota formation. We propose to shot open hele "Dakota Formation" with approximately 70 quarts of Nitro-Clycerine attempting to open gas some formation.

I understand that this plan of work must receive approval in writing by th	e Geological Survey before operations	may be commenced.
Company Taxes States Natural Cas Company P. O. Ber 730		<u> </u>
P. O. Box 730		
Address Price Vich		1
	-)// K	Killer
***************************************	By Mill	1660
Approved JUL 3 1 1956	The Same	7
	Title And the Super	
INTE. COVERNMENT PRINTING COPIES		
District English	CONGINAL FORWAR	DED TO CASPER

(%) 1000 °	(SUBMIT IN TO UNITED S DEPARTMENT OF GEOLOGICAL	STATES THE INTERIOR SURVEY	Land Odn. Salt Lake Land D. U-01286 Unite Flat Canyon (M. D. Kearns)
SUNDRY HOTHER OF INVENTORY TO BRALL HOTHER OF HIVEHTEN TO CHANGE HOTHER OF HIVEHTEN TO THE WAR HOTHER OF HIVEHTEN TO BRACKL HOTHER OF HIVEHTEN TO PILL OF HOTHER OF HIVEHTEN TO PILL OF	PLANS.	INSTRUMENT REPORT OF SHO INSTRUMENT REPORT OF RE-I INSTRUMENT REPORT OF ARA INSTRUMENT REPORT OF ARA INFOLINITIARY WILL HISTO	N WILLS RECEIVED IIII 30 1956 OUT TAKE CITY UTN THE WOLL WALLED XX
SW/L Sec 23 Of No. and No. No.) Flat Canyon Unit (Made)	1 66 6E	Salt Lake B	(State or Turritory)

DETAILS OF WORK

TD: 76251

In attempting to run h8 hour nitro bomb on McCullough wire line, hit bridge in casing at approximately 1800; bomb dropped off and went off at approximately 6278.

Preparing to pick-up 3-1/2" flush joint drill pipe and determine the extent of premature shot.

I understand that this plan of week must receive approval in writing by th	se Geological Survey before operations may be commenced.
Company Three States Natural Gas Company F. O. Box 730	
P. O. Box 730	
Address Price, Utah	
	By // / / / / / / / / / / / / / / / / /
Approved JUL 3 I 1956	
	Title District Superintendent
D. A. Vander	S S-CASPER
	ODIGINAL FORWARDED TO CASPER

(Feb. 1661)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

and Office Salt Lake

Land Office U-01286

Unit Flat Corryon
(M. D. Koarne

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SUNDRY NOTICES AND REPORTS ON WELLSJUL and isso

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	· · · · · · · · · · · · · · · · · · ·
NOTICE OF INTENTION TO CHANGE PLANS	I	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	TY
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-BRILL OR REPAIR WELL	-	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.	
		SUPPLEMENTARY WELL HISTORY	
totics of Intereston to dide-track	•	ged hole	XX
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

			July 26,		., 19. 56
Well No is locate	d 210 ft. fr	m W line of sec	थ		
871/14 300, 23 (K for and for No.)	1.68	62	Salt Lake Base)	
(M fee. and fee. No.)	(Twp.)	(Range)	(Meridian)		
Flat Geogram Unit		Karazy		Uhah	
(Plaid)	(Com	nty or Subdivision)		(State or Territory)	

The elevation of the derrick floor above sea level is 9834 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and longths of proposed easings; indicate mudding jobs, comenting points, and all other important proposed work)

Que to a presenture Mitro-Clycerine shot at approximately 6278*, We propose to pump in a 50° comment plug at the top of junk easing at approximately 6190°. Set a cast iron bridging plug at 6000°, cut a 30° easing window in 7°00 23# J-55 casing from approximately 5940 to 5970. Comment from 6000° back to 5940°, and squeeze, then drill out to 5970° and set whip-steek and redrill formation.

(Westel apprecial on subject work was approved by telephone with Mr. H. C. Seoville, Engineer from your Casper, Wyoning office, dated July 26, 1956,)

Company Three States Hatsral Gas Company

P. O. Bar 730

Address

By

Title District Superintendent

OFFICE 16-6457-6 ORIGINAL FORMARDED TO CASPEN

Budget Bureau No. 42-R356.4. Approval expires 12-31-55.

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

LAND	OFFICE	Sal	لمنا	00	
LEASE	Мимв	Ŗ			
UNIT.	FLD	E Can	YOU		

LESSEE'S MONTHLY REPORT OF OPERATIONS

The following is a correct report of operations and production (including drilling and production wells) for the month of	State		Utral	<u>a</u>	Co	ounty	la neur	y Fi	eldTo	t Canyon	Unit
Agent's address Page 130 Company Tree tates Hatury Phone Signed Phone 578 or 579 Agent's title District Tree intendent Ben and Twe. Range Well No. Passes Barris of Oil Gravity Cu. Fr. of Gas Gallons of Warre III drilling depth if shut down, one of the company of the		-	_	is a	correc	et report of	operati	ons and pro			
Phone 578 or 579 Agent's title District Opening Remarks of Mark of Ma									Tr	on atatos	Hatursk On Com
Phone 670 cc 679 Agent's title District Experimental Experimental Courts of	_								mpany	-;} <i>---</i>	Killer
Sec. AND TWP. RANGE WELL DAYS PRODUCED BARRELS OF OIL GRAVITY (In thousands) GASOLINE RECOVERED (II depth; if shut down, on date and result of test for gasoline content of an and hit 5 (I) casing hanger and wont off. Unable to got below 6200 . Ran in plus up hale to 6000 and onest from bridging plus 6000 . Ran in liberton R.T. Cut wink is in 7 (I) 23 J-S casing from 59. 7-31-56 Proparity to common typic or with common and bottom of 7 (II) casing from 59. 101921 166 75 h. Fig. 2 (II) casing the common of the commo	Phone .				67	8 car 679					ot Apprintmentent
cough line and hit 5°CO casing hanger and sont off. Unable to get below 6200. Ran of plus up hole to 6000, set east from bridging plus 6000. Ran Falliburion 8.7. For tested with 6000 pressure, hold N. Cut winds in 7°CO 23° 3-5° casing from 59. 7-31-56 Proparing to easing to set with escent around bettem of 7°CO casing continue to cut window in 7°CO casing to set wip-slock and brill new formation.	SEC. AND 1/4 OF 1/4	Twp.	RANGE			Barrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GASOLINE	WATER (If	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
of plast up hole to 6000, set east from bridging plus (6000. Ean falliburion R.T. extended with 10000 pressure, hold CR. Out wind as in 7"CD 23" 3-55 easing from 59 23. 7-31-56 Preparing to coment equates with especial bottom of 7"CD casing continue to cut window in 7"CD casing to set wip-stook and brill new formation. Olse 75 L Fig. Canyon Crit. Plugged and	Lawh	line	and	hit	5#(ID)	casing har	cor ar	d wont of	f. Umabi	e to got	below 6200 . Kan
referred with 1000/ pressure, held OK. Out winds in 7"CD 23" J-5 casing from 59 33'. 7-31-56 Preparing to coment equates with essent around belton of 7"CD casing continue to cut window in 7"CD casing to set wip-stock and brill new formation. O1923 168 75 L Fig. Canyon Onit Plagged and	กร. หรือส	1223	hole	to (foco.	ast cast	Fron 1	oriderkine v	lur (XX)	O. Dan	alliarion har.
ontine to cut whatever in 7°CD easing to set wip-clock and Srill new Formation. Olse 75 b Flat Canyon Srit Mugged and	er test	loci v	44	LOOO	twee	ome. hald	(100 m	Cut wini	36 10 700	D 23 J-	oasing from 591
01923 169 75 h Flat Canyon Sait Mugged and	933'.	7-33	-55	Pre	artig	to comment	SETUTOR	se with c	deent are	THE LOOP C	form time
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runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in

duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 (January 1950)

16—25768-7 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

LAND	OFFICE			 	
LEASE	NUMBE	R		 	-~
	The state	t Car	W/M		
UNIT .	* ****	M. Name	-	 	

LESSEE'S MONTHLY REPORT OF OPERATIONS

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													d producing
7.	nells) i	or the	e mon	th of	,	July		19.56					
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1	Phone				OV. O	r 679			Agent's t	itie	damai Wikabida W		
=	SEC. AND 14 OF 14	TWP.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cv. Fr. or G	AS GALLO GASO RECOV	LINE	BARRELS OF WATER (If none, so state)	(If drilling, depti	fARKS/ n; if shut down, cause; of test for gasoline nt of gas)
	01286 Viji	168	65	1	o		lary	D. Maars				Well 3h	ut-In
	01286 318		G Z	2	o		Mary	D. Kear	us			Soll Sh	ert-In
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	37			T	JIW .	esting to		hole wi	th Air-				
	3.5.2	ALM S	A 100 L	PROFILE.	AND PROPERTY.	THE PERSON NAMED IN	Annual of the second	A Arie alliante as a ser an	SECURIOR CONTRACTOR			1	

Continued on MAN 1 8 1828

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in

duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land	Office _	Sal	t 1	ake	-
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Lease No. U-01286

Flat Canyon (M.D. Kearns)

on (ns) (see) (

	8.20.56
SUNDRY NOT	CES AND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	
NOTICE OF INTENTION TO TEST WATER SHUT-O	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.	
NOTICE OF INTENTION TO PULL OR ALTER CAS	1 1
NOTICE OF INTENTION TO ABANDON WELL	
	Subsequent report of setting Whipstock X
(INDICATE ABOVE I	CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)
	10 56
	, 19_56
Well No. 3 is located 2	ft. from $\begin{Bmatrix} M \\ S \end{Bmatrix}$ line and $\frac{1}{2}$ ft. from $\begin{Bmatrix} M \\ W \end{Bmatrix}$ line of sec. 23
Office and Sec No.)	16S 6E Salt Lake Base (p.) (Range) (Meridian)
(Field)	Emery Utah (County or Subdivision) (State or Territory)
	983/4 c. G. round
The elevation of the derrick floor a	ove sea level is 9834 ft. G round
	DETAILS OF WORK
	ands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement- plants, and all other important proposed work)
After Nitro Bomb went off at hole with wash-over Pipe and over pipe, leaving 9' of was 6201'. Ran Halliburton 7"01 tested 200# for 30 minutes, Spotted 10 sacks of cement (retainer @ 6019', cutting of window @ 6009', top of Brid at 5916', cut window to 593' cement from 5924' to 5952', from 5942' to 5954', spotted Drilled cement from 5900' to and drilling new formation	approximately 6274, unable to get below 6202, Went in HOMCO Clustrite Shoe, milled on junk and junk cut washever pipe and clustrite shoe in hole at approximately R.T.T.S. Packer, set @ 6015, filled hole with water, neld OK. Tested formation with 1000# psi, held OK. 6175, flushed with 46 bbls of water. Set Halliburton 7"OD casing @ 5979. Top of window @ 5979, bottom of ing Plug @ 6031.50. Started cutting window in 7"OD casin, cemented squeeze with 25 sacks of cement, drilled continued cutting window in casing from 5942, cased hole 25 sacks of cement w/12½% Sand and 2% Calcium Chloride. 5925, and set Whip-Stock @ 5925, milling off whipstock -7-56, Slope test 1 @ 5925.
Commence States Natur	al Gas Company
Company Three States Nature P. O. Box 730	1840
Address Price, Utah	
Address Price, Staff	By W. K. Dillel
	Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16-8437-5

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Land Office	Salt Lake
Lenes No	V-01286
Unds 37	las Carprom
	L.D. Kearms)

	T OF THE INTERIOR	Unit Plat Carryon
GEOLO		(M.D. Kearms)
	GICAL SURVEY	CLUV OCCU
		S GICI OGICAL SURV
SUNDRY NOTICES A	ND REPORTS OF	WELLS ,
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER	1
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IOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTER	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRI SUBSEQUENT REPORT OF ABAND	
IOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SOFFLEMENTARY WELL INSTON	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent report o	f running casing IX
(INDICATE ABOVE BY CHECK MARK	NATURE OF REPORT, NOTICE, OR OTHE	(Liner)
	August 3	1956
	()	•
(County (Count	(Range) (Meridian) or Subdivision)	•
(K) See, and See, No.) Flat Corpora Unit (County) the elevation of the derrick floor above sea le	(Range) Salt Lake La (Range) (Meridian) or Subdivision) vel is 11 ft. (around	86
(K) See, and See, No.) Flat Correspon Units (County the derrick floor above sea le	Salt Lake La (Range) (Meridian) or Subdivision) vel is tt. (around ILS OF WORK	(State or Territory)
he elevation of the derrick floor above sea le	(Range) (Meridian) or Shbdivision) vel is ft. (Bround ILS OF WORK see, weighte, and lengths of proposed solder important proposed work)	(State or Territory) mainge; indicate mudding jobs, coment-

Company Three States Matural Gas Company
P. O. Box 730
Address Prices Utah Title District sperintendent

((Feb. 10bi)									

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Pedget Bureau 49-MMA.3. Approval aspires 19-01-06.
	one falt lebe
Land	Office
Lease	N. 8-48:855
Umis	Plat Carron 17 14

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SUNDRY NOTICES AND REPORTS ON WELLE 6 . 1950

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NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	Politing Sact coming liner and remains
	dell desident and presenting in this political that

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	•	19.59 , 19.59
Well No is located	ft. from S line	and if ft. from which line of sec.
Co See, and See, No.)	(Twp.) (Range)	Sal & Lake Care (Moridian)
Flat Same But 1	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is the ft. Count

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

The 1800 - (Majoratork hole) Suip-stock act & 5000 Med J-55 spans Subremaline Casing from 1800-16, railed a total of 715-58, of 5000 Med J-55 spans Subremaline Casing from 5000-16 to 6000-16 Med J-56 started remains whip-stock hole from 6015-16 Med J-16 Little Named and exhibited the late of run lione. Here a total of 1672-60 of 5000 154 J-55 Spans intrompline Casing, angles Plats incide of 7000 eneming a 5000-1, enging landed at approximately 7500-00. Chemostal Side 200 ska of Portland cased w/855 statement and Med Joh, plus 15 masks of fl Ideal cased Casing lines community Salliberton. 5000 enemy lines was perforated from 7150' to 7151' with four jet state for communications.

In drilling seams and retainers, drill pipe stock & 7100° - 7123', spotted 2500 gollow of discal all attempting to five drill pipe, unable to fee drill pipe, from the complete wall in Person Send, BEEC backed off drill pipe & 6975', learing five joints of 3-1/3" drill pipe and 3-7/3"CD but in bole. Top of fish & 6975', 11-5-50.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commonced.

Company States States Laborate Section Page States Section 1988 Address Section Section Section 1988	
DEC 6 - 1958	By Jales
District Engineer 8. S. GOVERNMENT PRINTING OFFICE	Title District Superintensions
District Layered	COLORANT ECOMMODED IN OVERES

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Land Office	BALT LAST
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	nd Branns that h

(Mary 12 January)

SUNDRY NOTICES AND REPORTS ON WELLS

	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WILL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	Per Surviving and Acidinary

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	************	Fermior 20	, 19.29
Well No is locate	d ft. from S line	and ft. from W line of	sec
(% Boo, and See, No.)	(Twp.) (Range)	Salt Lake Page (Meridian)	
Plet Onema Buit	(County or Subdivision)	(State or Territory)	

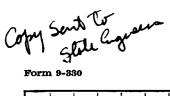
The elevation of the derrick floor above sea level is sea... ft. Caround

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

the Bay and Heatres Logs from 5050' to 6973'. Selan Jot len Weler Job Services. Inc referritions in \$700 1-time Oneing - 6000 to 60001, 6500 to 68531, 68701 to 60001, 69061 to 6., 6966 to affer four jut shots per feet. Set Halliberton packer on 3-6/2" drill pipe 10 sellone, (7-4/2% HCA Had Addd), 6 500%, second stage with 2000 Membered with he bale on vector, pulled packer with well dead, toler iche to dead, toler to dead, toler to dead, with four jet shots per free, not fallicurton reforted from 66161 to 868 ner & 6590". Astiliand with 6000 gallors 7-0/25 With Dad Acid, 50 the pagent & Ship. To be po seed with 68 bile. See 2-2/2008 tubing started drying up well after and job. will midde Part of the Bellihurton 5° Hil pecker 6 6670° and 7° 12 packer 6 950', Act Clark Will Bill Programe (CO). Job complete @ limber & 2000 P.M., blooding well with no increase in gas. Hotory Drilling Tends selected & Salo P.He. 11-48-56. 229 joints a total of 6953-68' of 2-7/8"CD DE Brd. thie. 6.526, Grade Juffe, Danieg landed & 6970' E.D., 16' from L.D., to tubing means. riting by the Geological Survey before operations may be commenced.

I understand that this plan of work inter-	•
Company Dans Bedus Reduced for Company	
Address Project	By
DEC 6 - 1956	Title District Superintendent
District Engineer 6. S. SOVERHOURT PRINTING SOFFICE	10 -0437-6 (COLONIAL FORWARDS TO COSTO



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Budget Bureau No. 42-R355.4. Approval expires 12-31-60.

Salt Lake U. S. LAND OFFICE U-01286 SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT ...

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30.1	OF OI	L OR G	AS WE	L
LOCATE WELL CORRECTLY		You Pake I	AS WE	in in the second
mpany Three States Natural Cas Compa	ny Address	Da	llas l, Te	xas
sor or Tract Mary D. Kearns			•	
drNo. 3 Sec. 23 T. 168R. 6E Merid				
cation 2h0 ft. N. of 3 Line and 1421ft.			v	levation 9860 K.
The information given herewith is a complete				
far as can be determined from all available reco	rds. 🗋 🔿 🗆 🤻	45	17:12	piy biwa oro
te January 31, 1957	ned Æ ÆÆ	. , ,	trei of Supe	tint and out
	0.000			fintendent
The summary on this page is for the condition			tember 27,	56
mmenced drilling September 7, 19	Finished	drilling		, 19
OIL OR GAS		ZONEŞ	ato termina	
. 1, from 6616 to 6634 (G)	note gas by G) No. 4, fi	om 6848	to.	6858 (D)
2, from 6640 , to 6660 (G)		rom 68 7 0	to.	6880 (G)
3, from 6816 to 6820 (G)		(3)	to	6926 (G)
NOTE TO THE STATE OF THE STATE	T WATER S	COLF	•04	6970 (C)
. 1, from Manual to a second	No. 3, fr		to	on Hall Antigaria (1997). The second of the
2, from to	No. 4, fr	and the second	to	- C C. (1)
ing transport of the state of t	NG RECORD			
			Perforated	
sing per foot inch make Amount		ut and pulled from	From T	
-3/8 44.10 Slip Joint Armoo 266.31			(head)	Surface
7m 28# Ordethd Nu80 & Just 66	7 7 5 76 5 12 17 17 17	nea-pantaca. Makembantan	ABADADO ABBA SALANG BBADADO ABBADADO	Desirate til an
"我!"李爷只有"我的女子也是我们的我们的一个,我们就是我们的是我们的,我们就没有一个的,我们就没有一个,我们的这个人,一个就是我们的,我们也没有一个人。"		tock set in	THUD CSE.	19925)
ig: Spining)orgout	/p_//.EIT		
-7/8 6.50# EUE 8rd. J-55 6953.68	- *: - ; . · ·		(L. L.	Production
MUDDING AND	CEMENTIN	G RECORD		
ize where set Number sacks of cement	Method used	Mud gravity	Amoun	t of mud used
-3/8 280,50' 317 cement, 50 Bridget	'Hallibu	ton (Cement	circulat	ed to surface)
7 6631 (R. B. 300 cement	Hallibu	rton	an Illian a	7#0D csg. @ 58
5" 7564.60! 390 cement, 1% Jel (This casing liner set in whipstock h	10 1e - 5892	to 7564.60) nmig m	Thon cake a 20
		ERS	·	

Size ... SHOOTING RECORD

711 662	1.50! 31.7 ceme	nt, 50 Bridge	Hall	iburt	on	sirculated to surface
5" 756	601 300 ceme	At. 12 Tel	Hall Hall	iburt	on (5" Liner	Hung in 7"OD csg. @
This ca	sing liner set	in whipstock	hole -	892	to 7564,60°)	
		PLUGS	AND AD	APTER	is .	
teaving plue	Material	le <u>ce 2-2/2014</u>	Length		Dei	oth set
			Size		()	and the second s
			TING RE			
Size	Shell used Ex	plosive used	Quantity	Date	Depth shot	Depth cleaned out
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77.2 20 (* 1	h word by	1	MIS IIG	200	transista de la compansión de la compan	
otary tools	were used from	Surface feet to	679	feet	and from	7039 feet to 7580feet
		4700	703	1000	and Hom	feet tofeet
ante toois w	ere usea from	Lizz feet to	1	Z feet,	, and from	feet to feet
Y	27	tio P ^a re	DATES			3 9
	ary 31,			_	J	cember 3, 19 56
The proc	luction for the first	24 hours was	ba	arrels o	f fluid of which	% was oil;%
	$-\sqrt{9}$ water; and $$					
·		, •	Calla		- ,	eu. ft. of gas
Rock pre	essure, lbs. per sq. i	İ			ential to da	te - estimated 200,00
			MPLOYE	ES		
		, Driller	1			, Driller
	· · ·	, Driller				, Driller
		FORMA	TION R	ECORD		·
FROM-	то	TOTAL FEET			FORMA	rion
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3395	3395 66 1 1	3216		mery		
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7540	7625 TD	85	I	Dakota		
	:	TD:7625			- -	
			(T.	אור פוור	whinetack h	ole set © 59251)
		6616	(2)	SPO OII	. without i	one deal of 3723.1
		,	1			
6616	7 540	924		erron	(G)	
6616 7540	7540 7580	661.6 921 40]]	Dakota		
	7 <i>5</i> 40 7580	924 40 T ^D : 7580 -]]	Dakota		
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	7540 7580	40_]]	Dakota		

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Form 9-330

U. S. Land Office

SERIAL NUMBER ...

TO-48094-2 U. S. GOVERNMENT PHINTING OFFICE

THE SET OF OIL OF CASE WELL)

This well was spudded with Add That The Tools on September 1, 1953, with 12-1/4" hole drilled to 60040 hole mas reamed from 12-1/4 hole to 17-1/4 hole to 283. 13-3/8 OD casing set @ 280.50 K.B., (14.25 from K.B. to casinghead). Top of Emery formations was @ 3395. Drilling Formation to Chick depth was Sand and Shale with some stringers of Coal. 9" hole was drilled to 6653. Top of Ferron Sand formation was @ 6611!. Where a string of 7"OD casing was set @ 6634. The 7"OD casing stringer was as follows: 948.08 of 7"OD 8rd. 23# N-80 casing w/LT&C set @ 6634, 7"OD 8rd. 23# J-55 casing set at 5685.92 17 Whote to 6690 of 1700 by one in hole. This casing was damaged by Cable Tool Drilling from 6799 to 7039. A total of 1864 of 7001 casing was cut, and pulled and a total of 139 feet of dasing replaced. The Ferron Sand formation was tested and an estimated 200,000 Cubic Feet of gas was gauged @ 6663 feet. The Terron Sand was acidized with 2,000 galdons of MCA and acid from 6611 to 6620, through perforations. Well was gauged at fill, 000 Cubic Feet 5 5711. The well was Sand-frac at this depth of 6711 with 4,000 gallone of diesel with 20 sacks of sand. Well gauged after Sand-frac at 11,000 Cubic Feet, with no increase in the Ferron Sand this well was drilled with 61/1 Bit to 7550, where a 5 00 15# J-55 Spang Extremelline Casing Timer was Get from 6274 finside of the 7800 casing to 7564 to The Top of Paketa formation 8.7560 to 4 3-7/8" hole was drilled into the Dakota formation to 7625 a gauge of 6.132 MOF of gas was taken with a large flow of water. In attempting to cement water off the gas was lost along with shutting off the water flow. With the total depth of the wall @ 7625, open hole Dakota from 6274. An attempt was made to shoot the open Dakota formation with 65 tharts of Nitro, the shot went off at approximatelly 627 how top of 5500 easing lines), milling tools were unable to get to the total depth, depth reached was approximatley 6201. This portion of the hole was lost and abandon due to the Nitro shot @ 6274 which was the top of the 5"OD casing liner 34 AD WINDOW WEB 3 CER 3 THE Cher 10"OD casing from 5916' to 5942', whipstock was set @ 5925, with a cement plug-back and cast iron bridge plug set @ 6034. A 6-1/1" hole was drilled to 6600 in whipstock hole, a 5"OD casing liner set from 6600' to 5885, approximately 40 feet inside 7 00 casing, (Casing liner was set and cemented at a later date). The top of Feffon Sand formation in whipebook hole was @ 66169 . WThe Ferron Sand was drilled with air to 68112 where drilling with air was changed to drilling with Watural Gas. The Ferron Sand was drilled with a 3-7/8" bit and gauged @ 241,00 C.F. of gas. The 5"OD casing liner was reamed to a 6-1/4" hole from 6600 to 75how after reaming hole to 6-1/4" to 7540' autotal of 1672.60 of 5"OD casing liner was ran from 5892 inside the 7"OD casing to 7564. Top of Dakota formation was @ 7540 in whipstock hole, total depth of whipstock hole 7580 . In drilling out cement and a magnesium comette petiditier inside the 5"OD casing liner was 3-7/8" bit with five joints 3-1/2" flush joint drill pipe was stuck and left in hole @ approximately 7123. Top of fish was at 67751 Tan Wester Campa and destroying from 5850 to 6962 . Perforated the 5 QD casing liner as follows:

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If the well any changes made in the casing, state fully, and it any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

6970 to 6965, 6926 to 6916s 6880 to 6870 1658 to 6820 to 6816, with four jet shots per foot. A total of 156 holes, set packer 6 5930, and rep 160 Mud Acid job with 4000 gallons of 7-1/2% Mud Acid breaking presence 600%. Perferated from 6660 to 6610 to 66

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THE STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION SALT LAKE CITY 14

June 26.

COMMISSIONER

A. G. NORD W. GLYDE

AUPTMAN PETROLEUM ENGINEER

FEIGHT



Three States Natural Gas Company P. O. Box 730 Price, Utah

Gentlemen:

It has come to the attention of this office that Well No. Mary D. Kearns 3, which was drilled by you on Section 23, Township 16 South, Range 6 East, SLBM, Emery County, has been shut down on or about November 24, 1956.

Rule C-5(a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission provides that within 90 days after the suspension of operations, abandonment of, or the completion of any well drilled for the production of oil or gas and within 90 days after the completion of any further operations on it, if such operations involved drilling deeper or drilling or redrilling any formation, the well log shall be filed with the Commission, as well as a copy of the electric and radioactivity logs, if run.

If our information is correct, will you please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, and forward them to this office as required by the above mentioned rule. If our information is not correct, will you so notify us.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CBF: cn

DEPAR EN	TED STATES T OF THE INTERIOR verse side. OGICAL SURVEY	Form approved. Budget Bureau No. 4:-R1424. 5. LEASE DESIGNATION AND SERIAL NO. U - 01286
(Do not use this form for proposals to Use "APPLICATION	AND REPORTS ON WELL drill or to deepen or plug back to a differ FOR PERMIT—" for such proposals.)	reut reservoir.
1. OIL GAS WELL OTHER 2. NAME OF OPERATOR		7. UNIT AGREEMENT NAME Flat Canyon Unit 8. FARM OR LEASE NAME
TENNECO OIL COMPANY 3. ADDRESS OF OPERATOR		M. D. Kearns 9. WELL NO.
Suite 1200 Lincoln Tower I 4. LOCATION OF WELL (Report location clearly See also space 17 below.) At surface	ilde. Denver, Colorado S and in accordance with any State requirem	80203 10. FIELD AND FOOL, OR WILDCAT Flat Canyon
240' FSL & 1421 FWL		11. SEC., T., R., M., GR BLK. AND SURVEY OR AREA
14. FERMIT NO. 15.	ELEVATIONS (Show whether DF, RT, GR, etc.)	Sec. 23, T-16-S, E-6-E 12. COUNTY OF PARISH 13. STATE Emery Utah
16. Check Approp	riate Box To Indicate Nature of No 10:	ofice, Report, or Other Data subsequent report of:
FRACTURE TREAT MULTII SHOOT OR ACIDIZE ABANDO	PLE COMPLETE X SHOOTH	SHUT-OFF REPAIRING WELL IRE TREATMENT ALTERING CASING ING OR ACIDIZING ABANDONMENT*
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATION proposed work. If well is directionally nent to this work.) *	ss (Clearly state all pertinent details, and	NOTE: Report results of multiple completion on Well completion or Recompletion Report and Log form.) give pertinent dates, including estimated date of starting any sured and true vertical depths for all markers and zones perti-
See prognosis to plug an	d abandon attached.	
7.5		
18. I hereby certify that the foregoing is true SIGNED 72.24 74. 1000		fice Supervisor DATE 9-27-68
(This space for Federal or State office use	,	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Prognosis to Plug & Abandon

LEASE: M. D. Kearns (Flat Canyon Unit) WELL NO.: 3

COUNTY: Emery STATE: Utah

WELL LOCATION: SE/4 SW/4 SW/4 Sec. 23, T-16-S, R-6-E

WELL DATA:

Total Depth Drilled: 7580' PBTD: 6975'

Casing Record:

13-3/8" O.D. 44# set @ 280' cmtd w/ 317 sx

7" O.D. 23# set @ 6634' in 9"hole cmtd w/ 300sx

5" O.D. 15# Liner 5892-7564' cmtd w/ 390 sx (Liner collapsed at 6975')

Tubing Record:

229 Jts 2-7/8" EUE 6.5# J-55 hung @ 6970'

Perforations: 6616-34'

6640-60'

6816-581

6848-58**1**

6870-801

6916-261

6965-70'

Gr. Elev = 9834' KB = 16' above Tubing Hanger

Procedure:

- 1. Load hole with mud.
- 2. Place cement plug across interval 6600-6975'.
- 3. Pull tubing.
- 4. Determine freepoint of 7" casing and attempt to recover as much as possible.
- 5. Place 100' plug across 7" stub (50' in 50' out).
- 6. Place 100' plug across 13-3/8" shoe @ 280' (50' in 50' out).
- 7. Place 10 sx plug in top of 13-3/8" casing and erect abandoned well marker.

Jeach Burchell

APPROVED BY DIVISION OF

Form 9-331 (May 19£3) 19 Rs.

U ITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TPI: (Other instruction verse side)

\TE•

Form approved.

Budget Bureau No. 42-R1424.

	DEPARTMENT OF THE INTERIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURVEY	บ-01286
	SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIDE NAME
1.	OIL GAS OTHER P&A -	7. UNIT AGREEMENT NAME Flat Canyon Unit
2.	Tenneco Oil Company	8. FARM OR LEASE NAME M. D. Kearns
	Suite 1200 Lincoln Tower Building - Denver, Colorado 80203	9. WELL NO.
4.	LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	10. FIELD AND POOL, OR WILDCAT Flat Canyon
	240' FSL & 1421 FWL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 23, T-16-S, R-6-E

14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) | 12. COUNTY OR PARISH | 13. STATE |

9860 KB | Emery | Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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NOTI	CE O	F INTENTION TO:		1	SUB!	SEQUE	NT REPORT	OF:		
FRACTURE TREAT		PULL OR ALTER CASING MULTIPLE COMPLETE		WATER S	HUT-OFF			REPAIRING	· 3 😕	
SHOOT OR ACIDIZE		ABANDON*			G OR ACIDIZING			ABANDONM	-	X
REPAIR WELL (Other)	L	CHANGE PLANS		(Other) (No Con	OTE: Report resumpletion or Reco	ults of mplet	multiple lon Repor	completion t and Log f	on Wel	
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17. DESCRIEE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

8-4-69 - Moved in casing pulling unit spotted 50 bbl mud on bottom. Set 50 sacks cement 6600' to 6975'. Pulled 229 jts (6970') of 2-7/8" EUE 6.50 lb J-55 tubing. Shot casing off @ 1614' spotted 75 sacks cement 1425' to 1725', hole filled w/mud 1725' to 6600', casing stuck & shot off @966', set 75 sacks cement 200' to 370', pulled 30 jts (1010') of 7" 23 lb J-55 casing, hole filled w/mud, set 10 sacks cement at surface and installed dry hole marker. Completed P&A 8-8-69 Cleaned Location.

18. I hereby certify that the foregoing is true and correct SIGNED	TITLE Sr. Production Clerk	DATE 9/4/69
(This space for Federal or State office use) APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		